

Summaries of Appropriation Project Requests

1. **\$10,000- Santa Rosa County Sheriff's Office Iris Biometric Identification Technology.** The funds would be used to purchase iris biometric identification technology to better protect the citizens of Santa Rosa County, Florida. This technology will enable the Office to improve their ability to quickly and positively identify; register and monitor convicted sex offenders, prevent erroneous release of inmates and better protect children and seniors suffering from Alzheimer's. I am requesting funding for this project in the DOJ Law Enforcement Technology Account.
2. **\$985,000- Okaloosa County Public Safety Communications Interoperability Project.** These funds would be used to purchase new radio equipment and join the established Florida Statewide Law Enforcement Radio System, which is a multi-jurisdictional, multi-interoperable system. The County's current public safety systems are working on outdated technologies and must be replaced in order to be updated to FCC mandates and emergency responder needs. Decreased radio communication coverage maps have also placed Emergency Responders and property owners at risk. I request funding for this project in the DOJ Law Enforcement Technology account.
3. **\$2,750,000- University of West Florida Ship Disposal as Reefs Assessment.** The funds would be used to provide data needed to evaluate reefing as a method of retired ship disposal nationally and globally. The University would document the processes affecting pollutant mobility and distribution in the environment associated with the *ex-Oriskany* artificial reef, productivity enhancement associated with large reef placement; develop discrete choice econometric methods to prioritize the location and configuration of new artificial reef sites, and to value conservation measure to protect sites. I am requesting funding for this project in the NOAA, Office of Sustainable Fisheries Account.
4. **\$100,000 -Okaloosa County Shoreline Protection Project, Okaloosa County, Florida.** Funding will allow the Army Corps of Engineers to conduct a Reconnaissance Study of the Okaloosa County shoreline. The Florida Department of Environment Protection's *Critically Eroded Beaches in Florida* report identifies 6.5 miles of county beaches and .8 miles of inlet shoreline as "critically eroded." The House Transportation and Infrastructure Committee authorized the project in June 2006 (Docket 2758). I request funds from the Army Corps of Engineers General Investigations account.
5. **\$500,000- Okaloosa County Regional Sediment Management Program, Okaloosa County, Florida.** The Army Corps in cooperation with Okaloosa County and the state of Florida are seeking to engage in a regional sediment management program, which would involve the use of material dredged from a regional inlet for placement on a nearby shoreline. The county is requesting funds for a Section 933/204 study. This account was authorized in the 2007 WRDA

bill. I request funds from the Army corps of Engineers General Investigations account.

6. **\$500,000- National Flight Academy Physics-Propulsion Laboratory, Pensacola, Florida.** By incorporating aviation as a motivating force, the National Flight Academy will use the requested funding to outfit and equip a Physics-Propulsion laboratory which will enable laboratory-based teaching to develop critical thinking and problem solving skills in 7th through 12th grade students. The state of Florida has given \$1 million and the Academy has raised \$36 million in private funds, which \$26.5 million is going towards construction costs. I request funds from the Department of Energy Science account.
7. **\$2,500,000 – Florida Business Continuity and Risk Management Center, University of West Florida, Pensacola, Florida.** This project provides enhanced statewide services of the Business Continuity and Risk Management Center (BCRMC) program operating through the existing Florida network of 35 Small Business Development Centers associated with seven universities. Funds provide for permanent staffing to assist the BCRMC to respond to reliance on contracts with out-of-state companies/subcontractors, keeping dollars and jobs in Florida. This project is of great assistance to large numbers of business owners who need technical assistance with business planning, loan application assistance, continuity planning, and assistance in identifying potential insurance risks and assessments in the wake and aftermath of natural disasters. In FY2008 they received \$500,000. I request funds from the Small Business Administration, Office of Disaster Assistance account.
8. **\$3 Million--Okaloosa Water Reclamation Facility (STAG):** Okaloosa County is currently engaged in long-range planning for the provision of adequate drinking water capacity and wastewater collection, treatment and disposal. The county needs to expand these services north of Eglin AF Base and east of the Shoal River. A 165 acre site has been obtained for the purpose of this construction and will utilize the oxidation ditch treatment process and rapid infiltration basins for effluent disposal. I request \$3 million in EPA STAG funding for a water reclamation facility in Okaloosa County, Florida.
9. **\$3 Million –Wastewater Treatment Facility (STAG) at Mossy Head, Florida.** The construction of a treatment facility in the Mossy Head Industrial Park will serve the park, Mossy Head Elementary School, residential areas and commercial facilities in the area. The facility will have the capacity to handle 300,000 gallons of treated wastewater per day with the ability to expand to a larger facility in the future. The total estimated cost of the project is \$4,830,000. I request \$3 million in EPA STAG funding for a wastewater treatment facility in Mossy Head, Florida.
10. **\$ 3 Million—Blackman Water System (STAG) Blackman Community, Florida.** This money will construct a water system in the Blackman community, which is located in the extreme northwestern corner of Okaloosa County, Florida. It is the only area in the county that has no access to a public water system. All

work will improve public health and safety conditions in a predominately low to moderate income service area. The proposed service area of Blackman surveyed for Phase 1 of the project consists of 278 households and 567 total individuals. I request \$3 million in EPA STAG funding for construction of a water system in Blackman, Florida.

11. **\$200,000- Development of the Educational Program based on the 1877 Coastal Schooner, *The Governor Stone*.** I am requesting \$200,000 in the Education FIE account. The purpose of the funds is to make the *Governor Stone*, a 140 year old historic, twice sunk, two mast Schooner the centerpiece for telling the Gulf Coast story. It is an educational tool to let visitors understand the lives and realities of those who loaded, sailed and unloaded her; harvested, shucked and delivered the oysters she carried; ran from the Prohibition enforcers; and finally prepared young men to go to war aboard her. As the only survivor of the coastal schooner fleet once numbering in the thousands that were the literal "engines" for post Civil War economic recovery and development on the Gulf Coast, the 1877 vessel is uniquely able to provide the central attraction for these multi-level educational sailing and cultural experiences.
12. **\$350,000- Mobile Health Unit in Walton County, Florida.** I am requesting \$350,000 for Walton County to purchase and equip a mobile health unit in order to allow for greater outreach and preventative care throughout the county, in particularly the northern, rural part of the county. The unit will primarily serve the elderly, poor, and transportation disadvantage. The mobile health unit will provide family planning, immunization, WIC, environmental services, and emergency operations, such as hurricanes. The county will provide funding to cover the cost of staffing and consumable supplies to operate the facility. This is a one time request if fully funded this year.
13. **\$500,000-Celebrate Pensacola: Celebrating the 450th Anniversary of the First Spanish Settlement in Florida.** I am requesting \$500,000 in the Education FIE account. The goal of Celebrate Pensacola is to increase historical and educational awareness of Pensacola's place in the Americas, increase tourism, celebrate the founding richness of diversity and Spanish influences in the region and moreover, to share awareness of the impact of Tristan de Luna's landing and colonization in 1559. The City of Pensacola and Escambia County, Florida have contributed \$100,000 for administrative costs.
14. **\$855,000 Distance Learning Program at the National Flight Academy, Pensacola, Florida.** I am requesting \$855,000 in funds from the Department of Education FIE account for a distance learning program at the National Flight Academy. This program would implement a Distance Learning Program to teach 7th through 12th grade students the relevance of math and science in their daily lives through aviation. It will spur their interest in avionics and help produce a pipeline of qualified STEM students. The National Flight Academy centers on a week-long in-residence school program. The Academy has the potential to reach

up to 100 million students and their parents, as well as more than two million math and science teachers in the nation through this program. To date, Florida has provided \$1 million in funding. Last year the Academy received \$145,000 in federal funds.

15. \$1.5 Million –Hometown Heroes Teach and Reach Out Program, University of West Florida. I am requesting \$1.5 million in funds from the Department of Labor, Employment and Training Administration account for the Hometown Heroes Teach Program. Established in 2006, Hometown Heroes Teach is a two-year pilot program whereby combat wounded veterans and veterans with a service related disability receive teacher certification and are placed in the K-12 classroom in one of the westernmost counties of Northwest Florida. Those veterans accepted into the program must have a baccalaureate degree with a 2.5 GPA or higher on the last 60 semester hours of their degree, continue to live in their current location during the teacher certification training, and at the completion of the program be willing to relocate to Northwest Florida. Funding for the program was awarded by the Workforce Development Boards in Northwest Florida. Twenty-five men and women will participate in the program in each of the two pilot years. Last year UWF received \$277,000 in federal funds for this project.

16. \$1,500,000- National Flight Academy Teacher Training Center at the University of West Florida. I am requesting \$1.5 million from the Education Fund for Improvement of Postsecondary Education. The proposed National Flight Academy Teacher training Center partners the University of West Florida with the Museum of Naval Aviation to prepare teacher in Florida to become expert STEM teachers. The Academy will educate about 250 students a week through a 21st Century high-tech broadcasting laboratory, and will bring FL teachers to the Academy to educate them in the 21st century facilities and laboratories. On-line services will also be made available to reach broader teacher and student communities.

17. \$3 Million- Four Lane-PD&E Study, State Road 87 in Santa Rosa County, Florida. I request these funds to expand the project development and environmental (PD&E) study phase for SR 87. The study would include a triangular study area defined by the following three points: 1) north of Clear Creek Bridge on SR 87 near NAS Whiting Field, 2) the intersection of US 90/Glover Lane, and 3) the intersection of US 90/SR 87 South. The justification is fivefold: 1) to complete a 4-lane regional corridor from the Gulf Coast to the Alabama State Line with an ultimate goal to connect to I-65 in Alabama; 2) to provide four lanes of capacity for South Santa Rosa hurricane evacuation and recovery along the only road which is open when the US 98, US90, I-10, and SR 281 bridges are impassable; 3) to provide for economic development among existing and planned industrial/commercial facilities and tourism attractions that lie along SR 87; 4) to support the Hurlburt Field and Eglin Air Force Base military missions of national significance; and 5) to solve the issue of additional capacity needed through or

around the City of Milton which has local and regional implications. In FY 06, this project received \$4 million in SAFETEA-LU, High Priority Projects account. Last year, the project received \$492,000 in the TSCP Account. I am requesting funding in the Transportation, Community, and System Preservation (TCSP) program account for FY08.

- 18. \$3.5 Million-Okaloosa County Improvements to Fairchild Road and Hare Street, Florida.** I request funding from the FHWA Transportation, Community and System Preservation (TCSP) Program. This funding would help provide for construction and upgrading of these roadways. Both roads serve as an ingress/egress into an industrial airpark/airport/military contractor complex. The roads are in need of paving, drainage improvements, and widening.
- 19. \$5 Million-Choctawhatchee Bay Bridge Widening.** I am requesting funding in the FHWA Transportation, Community and System Preservation (TCSP) Program account FY09. Funding will support additional design, right of way and construction to provide enhancements to the Choctawhatchee Bay Bridge in order to allow for additional capacity for evacuation purposes and regional economic development. The bridge and US Highway 331 are the county's major evacuation route and have a 30 hour evacuation time. The Preliminary Design and Engineering Study was done in 1995 and 60 percent of the design has been completed.
- 20. \$5 Million- Okaloosa County PJ Adams Road, Florida.** I am requesting funding from the FHWA Transportation, Community and System Preservation (TCSP) Program. This funding would widen, resurface, and provide storm water improvements for PJ Adams Road. The upgrading of this roadway will provide for the continued growth of this area, which serves as a source of affordable housing for the many military workers who travel daily to Eglin Air Force Base and Hurlburt and Duke Fields.
- 21. \$7 Million-Highway 331 Bridge Replacement in Walton County, Florida.** I am requesting funding in the FHWA Transportation, Community and System Preservation (TCSP) Program account FY09. Funding would be used for design and construction purposes in order to expand U.S. 331 to four lanes. The widening would allow an evacuation route for residents and visitors of south Walton to evacuate in a timely manor in case of hurricanes or other natural disasters. Currently, U.S. 331 is the sole evacuation route out of south Walton with a 30 hour evacuation time. It would also allow a safer transportation corridor for workers from north Walton who support the tourism industry in south Walton. Upon completion, this project will link Alabama to the Gulf of Mexico and U.S. Highway 98 in Florida. The total cost of the project is \$69,408,000. The Florida DOT has funded the segment from the Choctawhatchee Bay Bridge to State Road 20 at \$41,791,000 for right-of-way acquisition.

22. \$11,000,000 – Eglin Air Force Base Child Development Center. Eglin Air Force base has an urgent request for a new Child Care Development Center for 305 children. Eglin has received a finding of “failure” for the third time from AFI 34-248 for not providing sufficient child care capacity to meet the needs of the community and reduce the waiting list to come into compliance with Air Force Standards. The new facility will comply with UFC 4-740-14 Child Development Center criteria will provide all design features for handicapped accessibility in accordance with Americans With Disabilities Act standards.

23. \$4,250,000 – Eglin AFB Range Operations Center (ROCC) Initiative. Due to BRAC, Eglin AFB will become the initial training center for the Joint Strike Fighter, F-35, and the home of the 7th Special Forces Group (SFG), which is being relocated from Ft. Bragg, NC. With over 100 F-35 aircraft being assigned to Eglin AFB, projected sorties will increase to an average of one every six minutes as well as ground missions will surge with the addition of the 7th SFG.

To address the increase ops tempo from BRAC and other joint test and training missions, the 46th Test Wing has an Improvement Modernization (IM) initiative, termed “Super ROCC.” This initiative is a phased effort involving development, procurement and military construction (MILCON) funding to meet the future need in the 2015-2020 timeframe. It is the highest 46th Test Wing IM priority, driven by BRAC and safety imperatives, and addresses critical safety, control, and security issues. It further provides for more effective control which will better optimize range scheduling and increase flexibility in meeting their test and training missions. Simply by knowing the locations of all entities on the range, the Super ROCC will have great flexibility in reassigning missions to ground and air space previously under utilized. This proposed initiative will help the Air Force and Eglin AFB jump start this IM effort by addressing the movement and control of people and equipment as well as relevant security issues as a result of increased ops tempo. Through this Initiative, the 46th Test Wing will greatly improve its ability to track all players on the Eglin Range, thereby significantly increase its efficiency and ability to meet this increased ops tempo.

24. \$6,000,000 –FPS-16 Radar Mobilization Upgrade. The Air Force’s ability to provide test support and required test data for weapons systems under development is inhibited by decades old, fixed test instrumentation at the Air Armament Center (AAC) at Eglin Air Force Base, FL. Existing instrumentation radars are of 1960’s vintage and upgrading and mobilizing these radars is needed to provide the Air Armament Center with the ability to conduct needed tests that cannot currently be supported at the Joint Gulf Range Complex. Transitioning to computer-based, digital radar systems will lower the cost of ownership and operation due to enhanced reliability and ease of operation and maintenance. This project is on the unfunded requirements list and is part of an on-going project. The Air Armament Center at Eglin AFB is in the process of upgrading two FPS-16 to the mobile RIR-980 configuration using funds appropriated in FY 2006 and FY 2008.

25. \$6,000,000 – Moving Target Strike. U.S military airborne tactical air to ground weapon systems are migrating to satellite guided GPS weapons for striking fixed targets due to their all-weather capability and reduced cost relative to laser guided weapons. While GPS is effective, there exist limitations in the following areas: reduced accuracy relative to laser guided weapons, inability to attack moving targets and the difficulty of generating precise target locations in a timely manner. Moving Target Strike works to demonstrate a low cost GPS guided weapons system with improved accuracy (less than 3 meters) and the ability to strike moving targets. The proposed program would combine the KATDAM weapon guidance technology with the SPI-3D/precision view sensor and targeting system. This system would be integrated on to a Reaper UAV or manned aircraft to demonstrate precision strike of a time-sensitive moving target with a coordinate seeking weapon. Funding was provided in FY2008 to perform the necessary concept validation study and architectural design.

26. \$7,250,000 – Gulf Range Mobile Instrumentation Capability. The 46th Range Group (46 RANG) has a need for a Gulf Range Mobile Instrumentation Capability (GR-MIC) that can provide a platform for remote test, collection, storage and relay of various data types. This capability is needed to support test events which require extreme sized land and water mission operating spaces to accomplish their goals such as distributed Live Virtual Constructive (LVC) test events, large footprint weapons testing, Directed Energy (DE) testing and hypersonic weapons testing. The development of GR-MIC will enable the integration of the simultaneous employment of many advanced weapons/platforms into a single test or exercise/training events. This effort connects test and evaluation ranges that use many communication and data requirements to interact between geographically separated ranges, making valuable information available to everyone who requires it. The result is ranges becoming interconnected and consequently creating a greater training experience

27. \$8,000,000 – Joint Gulf Range Complex Upgrade. The services lack infrastructure to collaboratively address operational issues associated with GWOT. The 46 Test Wing at Eglin AFB, in concert with Air Force Special Operations Command and United States Special Operations Command use the range to conduct mission readiness qualification and weapons testing. This program will develop a prototype live virtual and constructive (LVC) range that will enable testing of new net centric weapons and support realistic joint special operations training. This LVC range will facilitate the fielding of weapon systems that possess a net centric capability enabling conventional systems to directly communicate with special operations via data link for the time sensitive targeting of “terrorist type” targets including car bomb factories and training sites.

28. \$8,000,000 – I-1000 Warhead Technology Demonstration. Improved internal carriage penetrator warhead design and test efforts have been conducted by the Air Force Research Laboratory Munitions Directorate at Eglin AFB, FL and are

now ready to transition to the Air Armament Center at Eglin AFB to begin a full technology demonstration effort that reduces risk for SDD. The aim of this effort is to conduct risk reduction development and testing work for a 1000-pound class penetrating warhead that uses improved steel casing, advanced explosives, high reliability hard target fusing, and a JDAM tail kit. This design will result in a high performing, extremely flexible, and Insensitive Munitions compliant warhead that can be fielded at an affordable cost. The Air Force decision to retire the F-117 fleet that will leave a significant "First Night" capability gap in the Service's ability to prosecute hard targets. More solutions are needed to meet this growing capability gap. A 1000 pound class penetrating warhead would give the F-22A and F-35 STOVL an internal bay penetrator capability, which these platforms currently do not have. In addition, development of this class of weapon will allow increased penetrator load out on existing platforms such as the B-2. Campaign analysis shows increasing aircraft loadout reduces sorties required for desired target effects, minimizes the loss of aircraft and lives, and overall hastens a successful airpower campaign.

29. \$9,000,000 – LAIRCM for AFSOC AC/MC 130 Aircraft. AC-130s and their crews have been lost to MANPADS and they are frequently engaged by MANPADS in combat operations in Iraq and Afghanistan. The primary goal of this equipment is to protect assets and lives from the threat of MANPADS, provide several hundred lbs of weight savings translating into greater AC/MC-130 endurance/combat payloads, allow AFSOC to benefit from in-place logistics and maintenance. LAIRCM is on the unfunded requirements list and is needed by the services.

30. \$15,000,000 – LAIRCM for AFSOC MC 130P. Current MC-130P flare capabilities are ineffective against MANPADS and must be deactivated during take-offs/landings, leaving the aircraft and crew at unacceptably high risk in critical flight regimes. LAIRCM is needed to protect assets and lives. The MC-130P Combat Shadow flies clandestine or low visibility, single or multi-ship low-level missions into politically sensitive or hostile territory to provide air refueling and ground refueling for special operations helicopters and CV-22s. AFSOC MC-130P aircraft are deployed and operating in dangerous man-portable, infrared missile environments. Operational fire hazard constraints presently preclude the tanker aircrews from employing their sole infrared flare protection while at slow speeds and low altitudes aerial refueling helicopters. Current MC-130P flare capabilities are also ineffective against widely proliferated, latest generation MANPADS. LAIRCM is on the unfunded requirements list and is needed by the Services.